PTO/SB/08A (10-96)
Approved for use through 10/31/2002, OMB 0651-0031

Type a plus sign (+) inside this box ☞ ☐

Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)	Complete if known	
	Application Number:	tba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 1 of 37	Attorney Docket Number:	

U.S. PATENT DOCUMENTS						
Examiner initials	Cite No.	U.S. Patent Documents		Date of Publication of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, etc. Where Passages or Figures Appear
		Number	Kind Code (if known)			
JG	AA	US-6,272,473		8/7/01	Sandholm	
	AB	US-6,269,368		7/31/01	Diamond	
	AC	US-6,263,325		7/17/01	Yoshida, et al.,	
	AD	US-6,249,781		6/19/01	Sutton	
	AE	US-6,236,985		5/22/01	Aggarwal, et al.	
	AF	US-6,236,978		5/22/01	Tuzhilin	
	AG	US-6,216,114		4/10/01	Alaia, et al.	
	AH	US-6,212,534		4/3/01	Lo, et al.	
	AI	US-6,202,058		3/13/01	Rose, et al.	
	AJ	US-6,192,354		2/20/01	Bigus, et al.	
	AK	US-6,182,057		1/30/01	Kikuchi, et al.	
	AL	US-6,163,794		12/19/00	Lange et al.	
	AM	US-6,163,782		12/19/00	Singhal	
	AN	US-6,157,928		12/5/00	Sprenger, et al.	
	AO	US-6,151,622		11/21/00	Fraenkel, et al.	
	AP	US-6,148,298		11/14/00	LaStreange, et al.	
	AQ	US-6,144,989		11/7/00	Hodjat et al.	
	AR	US-6,131,087		10/10/00	Luke, et al.	

Type a plus sign (+) inside this box ☞ ☐

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if known	
	Application Number:	tba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 2 of 37	Attorney Docket Number:	

U.S. PATENT DOCUMENTS					
Exami-ner initials	Cite No.	U.S. Patent Documents	Date of Publication of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, etc. Where Passages or Figures Appear
		Number	Kind Code (if known)			
JG	AS	US-6,128,647	10/3/00	Haury	
	AT	US-6,125,391	9/26/00	Meltzer, et al.	
	AU	US-6,122,664	9/19/00	Boukobza, et al	
	AV	US-6,119,101	9/12/00	Peckover	
	AW	US-6,115,736	9/5/00	Devarakonda et al.	
	AX	US-6,112,304	8/29/00	Clawson	
	AY	US-6,112,194	8/29/00	Bigus	
	AZ	US-6,112,189	8/29/00	Rickard, et al.	
	BA	US-6,108,686	8/22/00	Williams, Jr.	
	BB	US-6,098,059	8/1/00	Nordin	
	BC	US-6,088,731	7/11/00	Kiraly, et al.	
	BD	US-6,088,689	7/11/00	Kohn, et al.	
	BE	US-6,085,178	7/4/00	Bigus, et al.	
	BF	US-6,085,176	7/4/00	Woolston	

Type a plus sign (+) inside this box ☛ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	‍‍‍tba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 3 of 37	Attorney Docket Number:	

Exami-ner initials	Cite No.	U.S. Patent Documents		Date of Publication of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, etc. Where Passages or Figures Appear	
		Number	Kind Code (if known)				
JG	BG	US-6,067,551		5/23/00	Brown, et al.		
	BH	US-6,067,545		5/23/00	Wolff		
	BI	US-6,067,531		5/23/00	Hoyt, et al.		
	BJ	US-6,065,039		5/16/00	Paciorek		
	BK	US-6,065,026		5/16/00	Cornelia, et al.		
	BL	US-6,064,971		5/16/00	Hartnett		
	BM	US-6,061697		5/9/00	Nakao		
	BN	US-6,058,385		5/2/00	Koza, et al.		
	BO	US-6,055,562		4/25/00	Devarakonda et al.		
	BP	US-6,055,519		4/25/00	Kennedy, et al.		
	BQ	US-6,049,819		4/11/00	Buckle, et al.		
	BR	US-6,038,668		3/14/00	Chipman, et al.		
	BS	US-6,035,287		3/7/00	Stallaert, et al.		
	BT	US-6,029,165		2/22/00	Gable		
	BU	US-6,026,397		2/15/00	Sheppard		
	BW	US-6,009,456		12/28/99	Frew et al.		

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	tba	
	Filing Date:	herewith	
	First Named Inventor:	Solomon, Neal	
	Group Art Unit:	.	
	Examiner Name:	.	
Sheet 4 of 37	Attorney Docket Number:		

Exami-ner initials	Cite No.	U.S. Patent Documents		Date of Publication of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, etc. Where Passages or Figures Appear	
		Number	Kind Code (if known)				
JG	BX	US-5,995,951		11/30/99	Ferguson	.	.
	BY	US-5,983,222		11/9/99	Morimoto, et al.		
	BZ	US-5,983,200		11/9/99	Slotznick		
	CA	US-5,978,799		11/2/99	Hirsch		
	CB	US-5,974,441		10/26/99	Rogers, et al.		
	CC	US-5,970,482		10/19/99	Pham, et al.	.	
	CD	US-5,960,422		9/29/99	Prasad		
	CE	US-5,950,178		9/7/99	Borgato		
	CF	US-5,950,203		9/7/99	Stakuis, et al.		
	CG	US-5,946,674		8/31/99	Nordin, et al.		
	CH	US-5,941,945		8/24/99	Aditham, et al.		
	CI	US-5,940,825		8/17/99	Castelli, et al.		
	CJ	US-5,931,907		8/3/99	Davies et al.		
	CK	US-5,930,801		7/27/99	Falkenhainer et al.		
	CL	US-5,946,673		8/31/99	Francone, et al.		

Type a plus sign (+) inside this box ☛ ☐

Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if known	
	Application Number:	iba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 5 of 37	Attorney Docket Number:	

Examiner initials	Cite No.	Patent Documents		Date of Publication of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, etc. Where Passages or Figures Appear	
		Number Kind Code.					
JG	CM	US-5,930,780		7/27/99	Hughes, et al.		
	CN	US-5,926,798		7/20/99	Carter		
	CO	US-5,924,090		7/13/99	Krellenstein		
	CP	US-5,920,848		7/6/99	Schutzer et al.		
	CQ	US-5,918,014		6/29/99	Robinson		
	CR	US-5,905,974		5/18/99	Fraser, et al.		
	CS	US-5,890,138		3/30/99	Godein, et al.		
	CT	US-5,884,305		3/16/99	Kleinberg et al.		
	CU	US-5,884,282		3/16/99	Robinson		
	CV	US-5,877,759		3/2/99	Bauer		
	CW	US-5,867,397		2/2/99	Koza, et al.		
	CX	US-5,848,403		12/8/98	Gabriner, et al.		
	CY	US-5,845,278		12/1/98	Kirsch, et al.		
	CZ	US-5,841,947		11/24/98	Nordin		

Type a plus sign (+) inside this box ☛ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number:	Nba
		Filing Date:	herewith
		First Named Inventor:	Solomon, Neal
		Group Art Unit:	
		Examiner Name:	
Sheet 6 of 37		Attorney Docket Number:	

Exami-ner initials	Cite No.	U.S. Patent Documents		Date of Publication of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, etc. Where Passages or Figures Appear	
		Number	Kind Code (if known)				
JG	DA	US-5,835,896		11/10/98	Fisher, et al.		
	DB	US-5,826,261		10/20/98	Spencer		
	DC	US-5,822,747		10/13/98	Graefe, et al.		
	DD	US-5,819,266		10/6/98	Agrawal et al.		
	DE	US-5,819,247		10/6/98	Freund, et al.		
	DF	US-5,802,524		9/1/98	Flowers et al.		
	DG	US-5,797,004		8/16/98	Lindholm et al		
	DH	US-5,790,789		8/4/98	Suarez		
	DI	US-5,790,426		8/4/98	Robinson		
	DJ	US-5,781,698		7/14/98	Teller, et al.		
	DK	US-5,774,868		6/30/98	Cragun, et al.		
	DL	US-5,764,975		6/9/98	Taniguchi, et al.		
	DM	US-5,761,389		6/2/98	Maeda et al.		
	DN	US-5,758,147		5/26/98	Chen, et al.		
	DO	US-5,754,939		5/19/98	Herz, et al.		
	DP	US-5,748,618		5/5/98	Rothrock		

Type a plus sign (+) inside this box ☞ ☐

Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	tba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 7 of 37	Attorney Docket Number:	

Examiner initials	Cite No.	U.S. Patent Documents		Date of Publication of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, etc. Where Passages or Figures Appear	
		Number	Kind Code (if known)				
JG	D1	US-5,745,754		4/28/98	Lagarde, et al.		
	D2	US-5,742,811		4/21/98	Agrawal et al.		
	DQ	US-5,724,571		3/3/98	Woods		
	DR	US-5,709,426		8/4/98	Robinson et al.		
	DS	US-5,706,497		1/6/98	Takahashi et al.		
	DT	US-5,704,017		12/30/97	Heckerman, et al.		
	DU	US-5,694,593		12/2/97	Baclawski		
	DV	US-5,692,107		11/25/97	Simoudis et al.		
	DW	US-5,684,984		11/4/97	Jones, et al.		
	DX	US-5,659,732		8/19/97	Kirsch		
	DY	US-5,655,081		8/5/97	Bonnell, et al.		
	DZ	US-5,596,744		1/21/97	Dao, et al.		
	EA	US-5,586,218		12/17/96	Allen		
	EB	US-5,579,439		11/26/96	Khan		
	EC	US-5,499,364		3/12/96	Klein		
	ED	US-5,444,823		8/22/95	Nguyen		
	EE	US-4,996,642		2/26/91	Hey		

Type a plus sign (+) inside this box ☞ ☐

Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:		tba
	Filing Date:		herewith
	First Named Inventor:		Solomon, Neal
	Group Art Unit:		
	Examiner Name:		
Sheet 8 of 37	Attorney Docket Number:		

Examiner initials	Cite No.	Patent Documents		U.S. Priority Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Date of International Publication of Cited Document MM-DD-YYYY
		U.S. Number Number				
JG	EF	WO 01/33464		5/10/01	Solomon	
	EG	WO 00/55762		9/21/00	Sutter	
	EH	WO 00/43851		7/27/00	Ojha, et al.	
	EI	WO 00/33223		6/8/00	Gindlesperger	
	EJ	WO 00/08806		8/3/99	Wilson, et al.	
	EK	WO00/43853		5/25/99	Tavor, et al.	
	EL	WO 00/63837		4/20/99	Liddy, et al.	
	EM	WO 99/21095A1		4/29/99	Cudak, et al.	
	EN	WO 99/05593		2/4/99	Lee et al.	
	EO	WO 99/05593		2/5/98	Dutton	
	EP	WO 98/47059		10/22/98	Bigus et al. (2)	
	EQ	WO 98/43146		10/1/98	Bigus et al.	
	ER	WO 99/01262		6/30/97	Mayorga et al.	
	ES	WO 97/44741		5/23/97	Hunter	

Type a plus sign (+) inside this box ☛ ☐   Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	ba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 9 of 37	Attorney Docket Number:	

Examiner Initials	Cite No.	BOOKS Author, Title, Publication Information	
JG		BAEZA-YATES, RICARDO AND BERTHIER RIBEIRO-NETO, Modern Information Retrieval, (Chs. 3, 8, 9), ACM Press, New York, 1999.	
		BAILEY, JOSEPH P., Intermediation and Electronic Markets: Aggregation and Pricing in Internet Commerce, MIT Ph.D. Dissertation, 1998.	
		BALEN, HENRY, Distributed Objects with CORBA, (Chs. 2,6) Cambridge University Press, Cambridge, UK, 2000.	
		BANZHAF, WOLFGANG et al., Genetic Programming: An Introduction, (Chs. 1,5,6,7,9) Morgan Kaufmann Publishers, San Francisco, CA, 1998.	
		BAUMANN, JOACHIM. Mobile Agents: Control Algorithms, Springer Press, New York.	
		BERTINO, ELISA et al., Indexing Techniques for Advanced Database Systems, Kluwer Academic Publishers, Boston, 1997.	
		BRAITHWAITE, KENMORE S., Database Management and Control, (Chs. 2,3,6), McGraw-Hill Book Company, San Francisco.	
		CHRISTOPHER, MARTIN, Logistics and Supply Chain Management: Strategies for Reducing Cost and Improving Service, (Chs. 1,7,8) Prentice Hall, New York, 1998.	
		CROSS, ROBERT G., Revenue Management: Hardcore Tactics for Market Domination, Broadway Books, New York, 1997.	
		DAVIS, MORTON D., Game Theory: A Nontechnical Introduction, (Chs. 2 -5) Dover Publications, Inc., New York, 1970.	
		DITTRICH, KLAUS and ANDREAS GEPPERT, Component Database Systems, (Intro.) Academic Press, San Diego, 2001.	
		DRACOPOULOS, DIMITRIS C., Evolutionary Learning Algorithms for Neural Adaptive Control, Springer Press, New York, 1997.	
		FERBER, JACQUES, Multi-Agent Systems: An introduction to Distributed Artificial Intelligence, (Chs. 1,2,7) Addison-Wesley, Menlo Park, CA, 1999.	
		GALLACHER, WILLIAM R., The Options Edge, Winning the Volatility Game with Options on Futures, (Ch.3) McGraw Hill, New York, 1999.	
		GINTIS, HERBERT, Game Theory Evolving: A Problem Centered Introduction to Modeling Strategic Interaction, (Chs. 1, 15) Princeton University Press, Princeton, New Jersey, 2000.	
		JILOVEC, NAHID, The A to Z of EDI and its Role in E-Commerce, (Ch.1) 29ᵃ Street Press, Colorado, 1998.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*	Application Number:	ba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 10 of 37	Attorney Docket Number:	

JG		KNAPIK, MICHAEL and JAY JOHNSON, Developing Intelligent Agents for Distributed Systems, McGraw Hill, New York, 1998.	
		KOZA, JOHN R., Genetic Programming: On the Programming of Computers By Means of Natural Selection, (Chs. 1,3,5,6,12,25,28) The MIT Press, Cambridge, Mass, 2000.	
		LANGDON, W.B., Genetic Programming and Data Structures: Genetic Programming + Data Structures = Automatic Programming!.(Chs. 1-3), Kluwer Academic Press, Boston, 1998.	
		LANGE, DANNY and MITSURU OSHIMA, Programming and Deploying Java Mobile Agents with Aglets, (Chs. 1-3,6,7,9) Addison-Wesley, California, 1998.	
		MEANS, GRADY and DAVID SCHNEIDER, Meta-Capitalism: The e-Business Revolution and the Design of 21st Century Companies and Markets, (Chs. 1-3, 5) John Wiley & Sons, New York, 2000.	
		NAGLE, THOMAS T. and REED K. HOLDEN, The Strategy and Tactics of Pricing, (Chs.4,5, 8-10) Prentice Hall, New Jersey, 1995.	
		NELSON, JEFF, Programming Mobile Objects with Java, (Chs.1-3) John Wiley & Sons, Inc, New York, 1999.	
		O'LEARY, DANIEL E., Enterprise Resource Planning Systems, (Chs. 3,6,8,9) Cambridge University Press, Cambridge, UK, 2000.	
		OLIVER, JIM R., On Automated Negotiation and Electronic Commerce, Univ. of Pennsylvania Ph.D. Dissertation, 1995.	
		POIRIER, CHARLES C. and MICHAEL L. BAUER, E-Supply Chain: Using the Internet to Revolutionize Your Business, (Chs.2,3,5-9) Brett-Koehler Publishers, Inc., San Francisco, CA 2000.	
		ROSENSCHEIN, JEFFREY S. and GILAD ZLOTKIN, Rules of Encounter: Designing Conventions for Automated Negotiation Among Computers, (Ch.1,2,3) The MIT Press, Cambridge, Mass, 1998.	
		SAMUELSON, LARRY, Evolutionary Games and Equilibrium Selection, (Chs.1,2,4), The MIT Press, Cambridge, Mass, 1998.	
		SANDHOLM, TUOMAS, Negotiation Among Self-Interested Computationally Limited Agents, Univ. of Mass, Amherst, Ph.D. Dissertation, 1996.	
		SADRIECH, ABDOLKARIM, The Alternating Double Auction Market: A Game Theoretic and Experimental Investigation. Springer, New York, 1998.	
		SHELL, G. RICHARD, Bargaining for Advantage: Negotiation Strategies for Reasonable People, Penguin Books, New York, 1999.	

Type a plus sign (+) inside this box ☛ ☐

Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	~~ba~~
	Filing Date:	here~~with~~
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 11 of 37	Attorney Docket Number:	

JG		SMITH, CHARLES W., Auctions: The Social Construction of Value. (Chs.3,4) University of California Press, Berkeley, CA. 1990.	
		SMITH, REID G. A Framework for Distributed Problem Solving, (Ch.1,2,4,6,7) UMI Research Press, Ann Arbor Michigan 1981.	
		STONE, PETER, Layered Learning in Multiagent Systems: A Winning Approach to Robotic Soccer, (Chs.2,3,4,6,7) The MIT Press, Cambridge, Mass, 2000.	
		THRUN, SEBASTIAN, Explanation Based Neural Network Learning: A Lifelong Learning Approach, Kluwer Academic Publishers, Boston, 1996.	
		VIVES, XAVIER, Oligopoly Pricing. (Chs. 4, 5, 6), MIT, Cambridge, Mass, 1999.	
		VONK, E et al., Automatic Generation of Neural Network Architecture using Evolutionary Computation, (Chs. 2-7) World Scientific, New Jersey, 1997.	
		VON NEUMANN, JOHN and OSKAR MORGENSTEN, Theory of Games and Behavior, (Chs.3,4), Princeton University Press, Princeton, NJ. 1944.	
		WATSON, IAN, Applying Case-Based Reasoning: Techniques for Enterprise Systems, (Chs. 1,2) Morgan Kaufmann Publishers, San Francisco, CA. 1997.	
		WEISS, GERHARD (ed), Multiagent Systems: A Modern Approach to Distributed Artificial Intelligence, The MIT Press, Cambridge, Mass. 2000.	
		WEISS, SHOLOM AND NITIN INDURKHYA, Predictive Data Mining, (Chs. 1, 2, 4, 5, 6), Morgan Kaufmann Publishers, San Francisco, CA, 1998.	
		WITTEN, IAN and EIBE FRANK, Data Mining: Practical Machine Learning Tools and Techniques with Java Implementations, (Chs. 4,6,7,8) Morgan Kaufmann Publishers, San Francisco, CA, 2000.	

Examiner Initials	Cite No.	ARTICLES	
JG		AKCOGLU, KARHAN et al., "Opportunity Algorithms for Combinatorial Auctions," 2000, at http://citeseer.nj.nec.com/akcoglu00opportunity.html.	
		ALBAYRAK, SAHIN, "Introduction to Agent Oriented Technology for Telecommunications," Intelligent Agents for Telecommunications Applications: Basics, Tools, Languages and Applications, S. Albayrak (Ed.), IOS Press, Washington D.C., 1998.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)	Complete if known	
	Application Number:	tba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 12 of 37	Attorney Docket Number:	

JG		ALBAYRAK, SAHIN and DIETRICH KIRSCH, "Agent-Based Travel Information Service," Intelligent Agents for Telecommunications Applications: Basics, Tools, Languages and Applications, S. Albayrak (Ed.), IOS Press, Washington D.C., 1998.	
		AMBROSZKIEWICZ, STANISLAW et al., "Team Formation by Self-Interested Mobile Agents," Multi-Agent Systems: Theories, Languages, and Applications, eds. Chengqi Zhang and Dickson Lukose, Springer, New York, 1998.	
		ANDRE, DAVID. "The Evolution of Agents that Build Mental Models and Create Simple Plans Using Genetic Programming." Proceedings of the Sixth International Conference on Genetic Algorithms, University of Pittsburgh, July 15-19, 1995.	
		ARIDOR, YARIV et al., "Knowledge Agents on the Web," Cooperative Agents Information Agents IV, Matthias Klusch and Larry Kerschberg (Eds.), Springer, New York, 2000.	
		AZOULAY-SCHWARTZ, RINA and SARIT KRAUS. "Negotiation on Data Allocation in Multi-Agent Environments." 1999 at http://citeseer.nj.nec.com/305522.html.	
		BACK, THOMAS et al., "Evolutionary Computation: Comments on the History and Current State," IEEE Transactions on Evolutionary Computation Vol. I, No. 1, p.3, April 1997.	
		BARBUCEANU, MARK and Mark S. Fox, "COOL: A Language for Describing Coordination in Multi-Agent Systems," University of Toronto, 1994.	
		BARBUCEANU, MIHAI et al., "The Role of Obligations in Multiagent Coordination," 1999 at http://citeseer.nj.nec.com87770.html.	
		BASU, CHUMKI et al.,"Recommendation as Classification: Using Social and Content Based Information in Recommendation," 1998 at http://citeseer.nj.nec.com/basu99recommendation.html.	
		BAYERS, CHIP. "Capitalist Econstruction," Wired, March 2000, pp.210-212.	
		BAZZAN, ANA L.C., "Evolution of Coordination as a Metaphor for learning in Multi-Agent Systems," Distributed Artificial Intelligence Meets Machine Learning, Gerhard Weiss (Ed.), Springer, New York, 1997.	
		BELDING, THEODORE C., " The Distributed Genetic Algorithm Revisited." Proceedings of the Sixth International Conference on Genetic Algorithms, University of Pittsburgh, July 15-19, 1995.	

Type a plus sign (+) inside this box ☞ ☐

Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	nba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 13 of 37	Attorney Docket Number:	

JG			
JG		BENYOUCEF, MORAD et al., "A Evaluation of Formalisms for Negotiations in E-Commerce," 2000 at http://citeseer.nj.nec.com/315814.html.	
		BENYOUCEF, MORAD et al., "A Conceptual Architecture for a Combined Negotiation Support System," 2000 at http://citeseer.nj.nec.com/benyoucef00conceptual.html.	
		BENYOUCEF, MORAD et al., "Towards a Generic E-Negotiation Platform," 2000 at http://citeseer.nj.nec.com/276920.html.	
		BERENJI, HAMID and DAVID VENGEROV, "Learning, Cooperation, and Coordination in Multi-Agent Systems," Intelligent Inference Systems Corp. Technical Report IIS-00-10, October, 2000.	
		BERGER, MICHAEL et al., "Supporting Autonomous Work and Reintegration in Collaborative Systems," Coordination Technology for Collaborative Applications, Wolfram Conen and Gustaf Neumann (Eds.), Springer, New York, 1998.	
		BILLSUS, DANIEL and MICHAEL PAZZANI, "Learning Collaborative Information Filters," 1998 at http://citeseer.nj.nec.com/billsus98learning.html.	
		BLICKLE, TOBIAS and LOTHAR THIELE, "A Mathematical Analysis of Tournament Selection," Proceedings of the Sixth International Conference on Genetic Algorithms, University of Pittsburgh, July 15-19, 1995.	
		BOGACZ, RAFAL and CHRISTOPHE GIRAUD-CARRIER, "A Novel Modular Neural Architecture for Rule Based and Similarity-Based Reasoning," Hybrid Neural Systems, Springer Press, New York, 2000.	
		BOHTE, SANDER, "On Current Technology for Information Filtering and User Profiling in Agent-Based Systems, Part I: A Perspective," 2000 at http://citeseer.nj.nec.com/bohte00current.html.	
		BOUTILIER, CRAIG et al., "Resource Allocation Using Sequential Auctions," Agent Mediated Electronic Commerce II, Alexandros Moukas et al. (Eds.), Springer, New York, 2000.	
		BRANDT, FELIX et al., "Task Assignment in Multiagent Systems based on Vickrey-type Auctioning and Leveled Commitment Contracting, 2000 at http://citeseer.nj.nec.com/brandt00task.html.	
		BREESE, JOHN S. et al., "Empirical Analysis of Predictive Algorithms for Collaborative Filtering," 1998 at http://citeseer.nj.nec.com/breese98empirical.html.	
		BROERSON, JAN et al., "Leveled Commitment and Trust in Negotiation," 2000 at http://citeseer.nj.nec.com/302354.html.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO	Complete if known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	\ba	
	Filing Date:	herewith	
	First Named Inventor:	Solomon, Neal	
	Group Art Unit:		
	Examiner Name:		
Sheet 14 of 37	Attorney Docket Number:		

JG		BRAUN, CHARLOTTE and FRANCESCO, "Endogenous Growth With Cycles in a Swarm Economy: Fighting Time, Space, and Complexity," Economic Simulations in Swarm: Agent-Based Modelling and Object Oriented Programming, Francesco Luna and Benedikt Stefansson (Eds.), Kluwer Academic Publishers, Boston, MA, 2000.	
		BUI, HUNG H. et al., "A Framework for Coordination and learning Among Teams of Agents," Agents and Multi-Agent Systems: Formalisms: Methodologies, and Applications, Wobcke, Wayne et al. (Eds.) Springer Press, New York, 1997.	
		BUTLER, KEVIN et al., "A Performance Broker for CORBA," Proceedings of The Eighth International Symposium on High Performance Distributed Computing, Redondo Beach, CA, August 3-6, 1999.	
		CABRI, GIACOMO et al., "Context-dependency in Internet-agent Coordination," at http://citeseer.nj.nec.com/310618.html.	
		CABRI, GIACOMO et al., "MARS: A Programmable Coordination Architecture for Mobile Agents," 2000 at http://citeseer.nj.nec.com/208887.html.	
		CALISTI, MONIQUE and BOI FALTINGS, "Agent-Based Negotiations for Multi-Provider Interactions," Agent Systems, Mobile Agents, and Applications: Second International Symposium on Agent Systems and Applications and Fourth International Symposium on Mobile Agents, ASA/MA 2000, David Kotz and Fiedemann Mattern (Eds.), Zurich, Switzerland, September 13-15, 2000.	
		CARDOSO, HENRIQUE et al., "A Multi-Agent System for Electronic Commerce including Adaptive Strategic Behaviours," 1999 at http://citeseer.nj.nec.com/320321.html.	
		CHANDRASEKARAN, B., "Natural and Social System Metaphors for Distributed Problem Solving: Introduction to the Issue" IEEE Transactions on Systems, Man, and Cybernetics Vol. SMC-11, No.1, p.1, January 1981.	
		CHAO, KUO-MING et al., "Sharing Domain Knowledge in Distributed Artificial Intelligence," Intelligent Agents for Telecommunications Applications: Basics, Tools, Languages and Applications, S. Albayrak (Ed.), IOS Press, Washington D.C., 1998.	
		CHAVEZ, ANTHONY and PATTIE MAES, "Kasbah: An Agent Marketplace for Buying and Selling Goods," 1996 at http://citeseer.nj.nec.com/chaves96kasbah.html.	

Type a plus sign (+) inside this box ☞ ☐

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if known
	Application Number: Nba
	Filing Date: herewith
	First Named Inventor: Solomon, Neal
	Group Art Unit:
	Examiner Name:
Sheet 15 of 37	Attorney Docket Number:

JG		CHEN, QIMING et al., "Dynamic Agents, Workflow and XML for E-Commerce Automation," 2000 at http://citeseer.nj.nec.com/332764.html.	
		CHEN, YE et al., "A Negotiation-Based Multi-Agent System for Supply Chain Management," 1999 at http://citeseer.nj.nec.com/268420.html.	
		CHEN, YUYU et al., "Optimal Bid Sequences for Multiple-Object Auctions with Unequal Budgets," 2000 at http://citeseer.nj.nec.com/338763.html.	
		CLAYPOOL, MARK et al., "Combining Content-Based and Collaborative Filters in an Online Newspaper," 1999 at http://citeseer.nj.nec.com/claypool99combining.html.	
		COLLINS, JOHN et al., "Temporal Strategies in A Multi-Agent Contracting Protocol," 1997 at http://citeseer.nj.nec.com/collins97temporal.html.	
		COLLINS, JOHN et al., "MAGNET : A Multi-Agent Contracting System for Plan Execution," University of Minnesota, 1998.	
		COLLINS, JOHN et al., "A Market Architecture for Multi-Agent Contracting," 1998 at http://citeseer.nj.nec.com/32473.html.	
		COLLINS, JOHN et al., "A Framework for Mixed Initiative Agent-Based Contracting," 1999 at http://citeseer.nj.nec.com/collins99framework.html.	
		COLLINS, JOHN et al., "Search Strategies for Bid Selection in Multi-Agent Contracting," 1999 at http://citeseer.nj.nec.com/collins97search.html.	
		COLLINS, JOHN et al., "Bid-Selection Strategies for Multi-Agent Contracting in the Presence of Scheduling Constraints," Agent Mediated Electronic Commerce II, Alexandros Moukas et al. (Eds.), Springer, New York, 2000.	
		COLLINS, JOHN et.al., "Mixed-Interactive Decision Support in Agent-Based Automated Contracting," 2000 at http://citeseer.nj.nec.com/collins00mixedmediainitiative.html.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if known	
	Application Number:	tba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 16 of 37	Attorney Docket Number:	

JG			CONEN, WOLFRAM and GUSTAF NEUMANN, "A Perspective on Technology-Assisted Collaboration," Coordination Technology for Collaborative Applications, Wolfram Conen and Gustaf Neumann (Eds.), Springer, New York, 1998.	
			CONTE, ROSARIA et al., "MAS and Social Simulation: A Suitable Commitment," Multi-Agent Systems and Agent Based Simulation: First International Workshop, MABS '98, Proceedings, Paris, July 4-6, 1998.	
			CORDON, O. et al., "On the Combination of Fuzzy Logic and Evolutionary Computation: A Short Review and Bibliography," Fuzzy Evolutionary Computation, Witold Pedrycz (Ed.), Kluwer Academic Publishers, Boston, 1997.	
			COST, R. SCOTT et al., "Jackal: A Java-based Tool for Agent Development," 1998 at http://citeseer.nj.nec.com/cost98jackal.html.	
			DAGAEFF, THIERRY et al., "Emergence Based Cooperation in a Multi-Agent System," 1997 at http://citeseer.nj.nec.com/134037.html.	
			DAGAEFF, THIERRY et al., "Performance of Autonomy-based Systems: Turning Emergent Cooperation," 1998 at http://citeseer.nj.nec.dagaeff98performance.html.	
			DAILIANAS, APOSTOLOS et al., "Profit-Driven matching in E-Marketplaces: Trading Composable Commodities," Agent Mediated Electronic Commerce II, Alexandros Moukas et al. (Eds.), Springer, New York, 2000.	
			DAOUD, FAOUZI, "Coordination Factors in Adaptive Scheduling for Soft Real Time Cooperative Tasks: A Performance Study," Proceedings IEEE International Joint Symposia on Intelligence and Systems, Rockville, MD, November 4-5, 1996.	
			DASTANI, MEHDI et al. "Negotiation Protocols and Dialogue Games," at http://citeseer.nj.nec.com/340534.html.	
			DAVIS, RANDALL and REID G. SMITH, "Negotiation as a Metaphor for Distributed Problem Solving," Artificial Intelligence: An International Journal Vol 20,, No.1, p.63, January 1983.	
			DE WEERDT, MATHIJS et al., "A Plan Fusion Algorithm for Multi-Agent Systems," 2000 at http://citeseer.nj.nec.com/294326.html.	

Type a plus sign (+) inside this box ☛ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)	Complete if known	
	Application Number:	tba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 17 of 37	Attorney Docket Number:	

JG			
		DE WEERDT, MATHIJS et al., "Multi-agent Cooperation in a Planning Framework," at http://citeseer.nj.nec.com/345531.html.	
		BECKER, KEITH et al., "Designing Behaviors for Information Agents." 1997 at http://citeseer.nj.nec.com/decker97designing.html.	
		DELLAROCAS, CHRYSANTHOS and MARK KLEIN, "Civil Agent Societies: Tools for Inventing Open Agent-Mediated Electronic Marketplaces," 1999 at http://citeseer.nj.nec.com/dellarocas99civil.html.	
		DELLAROCAS, CHRYSANTHOS et al., "Contractual Agent Societies: Negotiated Shared Context and Social Control in Open Multi-Agent Systems," 2000 at http://citeseer.nj.nec.com/373023.html.	
		DELLAROCAS, CHRYSANTHOS et al., "An Exception-Handling Architecture for Open Electronic Marketplaces of Contract Net Software Agents," Proceedings of the 2nd ACM Conference on Electronic Commerce, Minneapolis, MN, October 17-20, 2000.	
		DEMARTINI, CHRISTINE et al., "A New and Improved Design for Multi-Object Iterative Auctions," 1999 at http://citeseer.nj.nec.com/demartini99new.html.	
		DI PIETRO, ELEANORA et al., "Experiences in the use of Mobile Agents for developing distributed applications." 1999 at http://citeseer.nj.nec.com/249580.html.	
		DI PIETRO, ELEANORA et al. "Extending the MASIF Location Service in the MAP Agent System," 2000 at http://citeseer.nj.nec.com/pietro00extending.html.	
		DOMOWITZ, IAN, "Automating the Continuous Double Auction in Practice: Automated Trade Execution Systems in Financial Markets," The Double Auction Market: Institutions, Theories, and Evidence, Daniel Friedman and John Rust (Eds.), Proceedings of the Workshop on Double Auction Markets, June, 1991 in Sante Fe, New Mexico.	
		DOMOWITZ, IAN and JIXIAN WANG, "Auctions as Algorithms: Computerized Trade Execution and Price Discovery," Journal of Economic Dynamics and Control, pp.29-60, Vol. 18, 1994.	
		DUNAY, BERTRAND DANIEL and FREDERICK E. PETRY, " Solving Complex Problems with Genetic Algorithms," Proceedings of the Sixth International Conference on Genetic Algorithms, University of Pittsburgh, July 15-19, 1995.	
		DYSON, ESTHER, "Writing rules for P2P computing," San Francisco Examiner, September 24, 2000.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)	Complete if known	
	Application Number:	na
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 18 of 37	Attorney Docket Number:	

JG		EASLEY, DAVID and JOHN O. LEDYARD, "Theories of Price Formation and Exchange in Double Oral Auctions," The Double Auction Market: Institutions, Theories, and Evidence, Daniel Friedman and John Rust (Eds.), Proceedings of the Workshop n Double Auction Markets, June, 1991 in Sante Fe, New Mexico.	
		ELLIS, CLARENCE A., "A Framework and Mathematical Model for Collaboration Technology," Coordination Technology for Collaborative Applications, Wolfram Conen and Gustaf Neumann (Eds.), Springer, New York, 1998.	
		EL-NASR, MAGY SEIF et al., "FLAME-Fuzzy Logic Adaptive Model of Emotions," Autonomous Agents and Multi-Agent Systems, Nicholas Jennings et al., (Eds.) Kluwer Academic Publishers, The Netherlands, 2000.	
		ERIKSSON, JOAKIM et al., "SICS MarketSpace - An Agent-Based Market Infrastructure," Agent Mediated Electronic Commerce, eds. Pablo Noriega and Carles Sierra, Springer, New York, 1999.	
		FARATIN, P., "Designing Responsive and Deliberative Automated Negotiators," 1999 at http://citeseer.nj.nec.com/60790.html.	
		FARATIN, PEYMAN et al., "Negotiation Decision Functions for Autonomous Agents," 1998 at http://citeseer.nj.nec.com/faratin98negotiation.html.	
		FARATIN, PEYMAN and CARLES SIERRA, "Designing Flexible Automated Negotiators: Concessions, Trade-Offs and Issue Changes," at http://citeseer.nj.nec.com/163047.html.	
		FIANYO, EDEM et al., "Multi-Agent Architecture Integrating Heterogeneous Models of Dynamical Processes: The Representation of Time," Multi-Agent Systems and Agent Based Simulation: First International Workshop, MABS '98, Proceedings, Paris, July 4-6, 1998.	
		FICH, FAITH and ERIC RUPPERT, "Lower Bounds in Distributed Computing," Distributed Computing: 14th International Conference, DISC 2000, Maurice Herlihy (Ed.), Toledo, Spain, October 4-6, 2000.	
		FOGEL, DAVID B., Evolutionary Computation, (Chs. 3-5) IEEE Press, 2000.	
		FOSTER, IAN and CARL KESSELMAN, "Computational Grids," The Grid: Blueprint for a New Computing Infrastructure, (Eds.) Ian Foster and Carl Kesselman, Morgan Kaufmann Publishers Inc., San Francisco, CA 1999.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	Nba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	.
	Examiner Name:	
Sheet 19 of 37	Attorney Docket Number:	

JG			FUNFROKEN, STEFAN, "Transparent Migration of Java-Based Mobile Agents," Mobile Agents: Second International Workshop, MA '98, Proceedings, Stuttgart, Germany, September 9-11, 1998.	
			GARCIA, PERE et al., "Bidding Strategies for Trading Agents in Auction-Based Tournaments," Agent Mediated Electronic Commerce, Pablo Noriega and Carles Sierra (Eds.), Springer, New York, 1998.	
			GEHMEYR, ANDREAS, "Mobile Information Agents on the Web," Cooperative Information Agents II: Learning, Mobility and Electronic Commerce for Information Discovery on the Internet, (Eds.) Matthais Klusch and Gerhard Weib, Springer, New York, 1998.	
			GEHRING, JORN and ACHIM STREIT, "Robust Resource Management for Metacomputers,"," Ninth IEEE International Symposium on High Performance Distributed Computing, 2000.	
			GELENBE, EROL, "Autonomous Search for Information in an Unknown Environment," Cooperative Information Agents III, Matthias Klusch et al. (Eds.), Springer, New York, 1999.	
			GHANEI, AZITA, "Telecommunications Information Networking Architecture and Agent Oriented Techniques," ." Intelligent Agents for Telecommunications Applications: Basics, Tools, Languages and Applications, S. Albhayrak (Ed.), IOS Press, Washington D.C., 1998.	
			GIBBON, GREG and JANET AISBETT, "Switching Between Reasoning and Search," Agents and Multi-Agent Systems: Formalisms: Methodologies, and Applications, Wobcke, Wayne et al. (Eds.) Springer Press, New York, 1997.	
			GIMENEZ-FUNES, EDUARD et al., "Designing Bidding Strategies for Trading Agents in Electronic Auctions," 1998 at http://citeseer.nj.nec.com/125019.html.	
			GOLDBERG, KEN et al., "Eigentaste: A Constant Time Collaborative Filtering Algorithm," 2000 at http://citeseer.nj.nec.com/goldberg00eigentaste.html.	
			GONEN, RICA and DANIEL LEHMANN, "Optimal Solutions for Multi-Unit Combinatorial Auctions: Branch and Bound Heuristics," Proceedings of the 2nd ACM Conference on Electronic Commerce, Minneapolis, MN, October 17-20, 2000.	
			GOOD, NATHANIEL et al., "Combining Collaborative Filtering with Personal Agents for Better Recommendations," 1999 at http://citeseer.nj.nec.com/good99combining.html.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if known	
	Application Number:	\ba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 20 of 37	Attorney Docket Number:	

JG		GREENWALD, AMY R. et al., "Strategic Pricebot Dynamics," 1999 at http://citeseer.nj.nec.com/greenwald99strategic.html.	
		GROSSMAN, ROBERT et al., "The Preliminary Design of Papyrus: A System for High Performance, Distributed Data Mining Over Clusters." Advances in Distributed and Parallel Knowledge Discovery. eds. Hillol Kargupta and Philip Chan, The MIT Press, Cambridge, Mass. 2000.	
		GUO, YI-KE and JANJAO SUTIWARAPHUN, "Distributed Classification with Knowledge Probing," Advances in Distributed and Parallel Knowledge Discovery. eds. Hillol Kargupta and Philip Chan, The MIT Press, Cambridge, Mass, 2000.	
		GUTTMAN, ROBERT et al., "Cooperative vs. Comparative Multi-Agent Negotiations in Retail Electronic Commerce," 1998 at http://citeseer.nj.nec.com/guttman98cooperative.html.	
		GUTTMAN, ROBERT H. and PATTIE MAES, "Agent-mediated Integrative Negotiation for Retail Electronic Commerce," Agent Mediated Electronic Commerce. Pablo Noriega and Carles Sierra (Eds.), Springer, New York, 1998.	
		HAGEL III, JOHN and MARC SINGER, "Shift in Reverse," Business 2.0, March 1999, pp.34-42.	
		HANNEBAUER, MARKUS, "A Formalization of Autonomous Dynamic Reconfiguration in Distributed Constraint Satisfaction," 2000 at http://citeseer.nj.nec.com/hannebauer00formalization.html.	
		HANSON, JAMES E. and JEFFREY O. KEPHART, "Spontaneous Specialization in a Free-Market Economy of Agents," 1998 at http://citeseer.nj.nec.com/115827.html	
		HARRALD, PAUL G. and MARK KAMSTRA, "Evolving Artificial Neural Networks to Combine Financial Forecasts," IEEE Transactions on Evolutionary Computation. Vol. 1, No. 1, April 1997.	
		HARRISON, COLIN G., "Invited Talk (Abstract): Data or Computation - Which Should We Move?" Agent Systems, Mobile Agents, and Applications: Second International Symposium on Agent Systems and Applications and Fourth International Symposium on Mobile Agents, ASA/MA 2000, David Kotz and Friedemann Mattern (Eds.), Zurich, Switzerland, September 13-15, 2000.	
		HAYZELDEN, ALEX L.G. et al., "Future Communication Networks using Software Agents," Software Agents for Future Communication Systems Alex L.G. Hayzelden and John Bigham (Eds.), Springer, New York, 1999.	

Type a plus sign (+) inside this box ☛ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)	Complete if known	
	Application Number:	tba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 21 of 37	Attorney Docket Number:	

JG		HECKERMAN, DAVID et al., "Dependency Networks for Inference, Collaborative Filtering, and Data Visualization," Journal of Machine Learning Research, Vol. 1. pp.49-75, 2000.	
		KELLERSTEIN. JOSEPH M. et al., "Interactive Data Analysis: The Control Project," Computer, August 1999, pp.51-59.	
		HOOS. HOLGER and CRAIG BOUTILIER, "Solving Combinatorial Auctions using Stochastic Local Search," from The Proceedings of the 17ᵗʰ National Conference on Artificial Intelligence. 2000.	
		HU. JUNLING and MICHAEL P. WELLMAN. "Online Learning about Other Agents in a Dynamic Multiagent System," 1998 at http://citeseer.nj.nec.com/hu98online.html.	
		HUGHES. GREG, "Pricing in the Internet Age Requires New Ways of Thinking," Red Herring, October 1999, pp.76-77.	
		JATINDER, KATE SMITH. "Neural Networks in Business: Techniques and Applications for the Operations Researcher," 2000 at http://citeseer.nj.nec.com/382273.html.	
		JENNINGS. NICHOLAS et al., "On Argumentation-Based Negotiation," 1998 at http://citeseer.nj.nec.com/114489.html.	
		JENNINGS. NICHOLAS et al., "A Roadmap of Agent Research and Development," 1998 at http://citeseer.nj.nec.com/jennings98roadmap.html.	
		JENNINGS NICHOLAS et al., "Automated Negotiation: Prospects, Methods, and Challenges," 2000 at http://citeseer.nj.nec.com/jennings00automated.html.	
		KAMATH. CHANDRIKA and RON MUSICK, "Scalable Data Mining through Fine-Grained Parallelism," Advances in Distributed and Parallel Knowledge Discovery, eds. Hillol Kargupta and Philip Chan, The MIT Press, Cambridge, Mass. 2000.	
		KAPPEL. G. et al., "Coordination in Workflow Management Systems: A Rule-Based Approach," Coordination Technology for Collaborative Applications, Wolfram Conen and Gustaf Neumann (Eds.), Springer, New York, 1998.	
		KARGUPTA. HILLOL. et al., "Collective Data Mining: A New Perspective Toward Distributed Data Analysis," Advances in Distributed and Parallel Knowledge Discovery, eds. Hillol Kargupta and Philip Chan, The MIT Press, Cambridge, Mass. 2000.	

Type a plus sign (+) inside this box ☛ ☐　　　Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)	Complete if known	
	Application Number:	tba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 22 of 37	Attorney Docket Number:	

JG		KELLY, FRANK and RICHARD STEINBERG, "A Combinatorial Auction with Multiple Winners for Universal Service," 1998 at http://citeseer.nj.nec.com/315821.html.	
		KENNY, DAVID and JOHN F. MARSHALL, "Contextual Marketing," Harvard Business Review, pp.119-125, Nov-Dec, 2000.	
		KEPHART, JEFFREY O. et al., "Dynamic Pricing by Software Agents," at http://citeseer.nj.nec.com/305189.html.	
		KEPHART, JEFFREY O. et al., "Dynamics of an Information-Filtering Economy," Cooperative Information Agents II: Learning, Mobility and Electronic Commerce for Information Discovery on the Internet, eds. Matthais Klusch and Gerhard Weib, Springer, New York, 1998.	
		KEPHART, JEFFREY O. et al., "Price-War Dynamics in A Free Market Economy of Software Agents," 1998 at http://citeseer.nj.nec.com/kephart98pricewar.html.	
		KEPHART, JEFFREY O. and AMY R. GREENWALD, "Shopbot Economics," 1999 at http://citeseer.nj.nec.com/273495.html.	
		KERSTEN, GREGORY E. and STAN SZPAKOWICZ, "Negotiation in Distributed Artificial Intelligence: Drawing from Human Experience," Proceedings of the Twenty-Seventh Annual Hawaii International Conference on System Sciences, 1994.	
		KETCHAM, JON et al., "A Comparison of Posted-Offer and Double Auction Pricing Institutions," Review of Economic Studies LI, pp.595-614, 1984.	
		KIM, KEESOO, "Agent-Based Electronic Markets for Project Supply Chain Coordination," at http://citeseer.nj.nec.com/329244.html.	
		KINNY, DAVID and MICHAEL GEORGEFF, "Modelling and Design of Multi-Agent Systems," Intelligent Agents III: Proceedings of the Third International Workshop on Agent Theories, Architectures, and Languages, Springer, 1996.	
		KLEMPERER, PAUL, "Auction Theory: A Guide to the Literature," J of Economic Surveys, Vol. 13, No. 3, 1999.	
		KOTZ, DAVID and ROBERT S. GREY, "Mobile Agents and the Future of the Internet," 1999 at http://citeseer.nj.nec.com/kotz99mobile.html.	
		KOYCHEV, IVAN and INGO SCHWAB, "Adaptation to Drifting User's Interests," 2000 at http://citeseer.nj.nec.com/398116.html.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	\ba	
	Filing Date:	herewith	
	First Named Inventor:	Solomon, Neal	
	Group Art Unit:		
	Examiner Name:		
Sheet 23 of 37	Attorney Docket Number:		

JG		KOZA, JOHN R., "Two Ways of Discovering the Size and Shape of a Computer Program to Solve a Problem," Proceedings of the Sixth International Conference on Genetic Algorithms, University of Pittsburgh, July 15-19, 1995.	
		KRAMER. JEFF and JEFF MAGEE. "Analyzing Dynamic Change in Software Architectures: A Case Study," Proceedings of the Fourth International Conference on Configurable Distributed Systems, Annapolis, MD. May 4-6, 1998.	
		KRAUS, SARIT et al.. "Reaching Agreements through Argumentation: A Logical Model and Implementation." from Proceedings of the Twelfth International Workshop on Distributed Artificial Intelligence. pp233-247. Hidden Valley. PA. May 1993.	
		KREMER. STEFAN C. and JOHN F. KOLEN. "Dynamical Recurrent Networks for Sequential Data Processing." Hybrid Neural Systems. Springer Press. New York, 2000.	
		KUTVONEN, LEA, "Overview of the DRYAD Trading System Implementation." Distributed Platforms: Proceedings of the IFIP/IEEE International Conference on Distributed Platforms: Client Server and Beyond: DCE, CORBA, ODP and Advanced Distributed Applications. Chapman & Hall, New York, 1996.	
		LANGE. DANNY B.. "Present and Future Trends of Mobile Agent Technology," Mobile Agents: Second International Workshop, MA '98, Proceedings, Stuttgart. Germany. September 9-11, 1998.	
		LAVI. RON and NOAM NISAN. "Competitive Analysis of Incentive Compatible On-Line Auctions," Proceedings of the 2nd ACM Conference on Electronic Commerce. Minneapolis, MN, October 17-20, 2000.	
		LEE. MICHAEL A. et al.. "The Design of Hybrid Fuzzy/Evolutionary Multiobjective Optimization Algorithms." Fuzzy Logic. Neural Network and Evolutionary Computation. Takeshi Furuhashi and Yoshiki Uchikawa (Eds.). Springer, New York, 1995.	
		LEE. MICHAEL A. and HENRIK ESBENSEN. " Fuzzy/Multiobjective Genetic Systems for Intelligent Systems Design Tools and Components," Fuzzy Evolutionary Computation, Witold Pedrycz (Ed.), Kluwer Academic Publishers. Boston, 1997.	
		LEHMANN. DANIEL et al.. "Truth Revelation in Rapid, Approximately Efficient Combinatorial Auctions." 1999 at http://citeseer.nj.nec.com/lehmann99truth.html.	
		LENZMANN, BRITTA and IPKE WACSMUTH. "Contract-Net Based Learning in a User-Adaptive Interface Agency." Distributed Artificial Intelligence Meets Machine Learning. Gerhard Weib (Ed.), Springer, New York. 1997.	
		LESSER, VICTOR R., "Functionally Accurate, Cooperative Distributive Systems," IEEE Transactions on Systems, Man, and Cybernetics, Vol.SMC-11, No.1, p. 81, January 1981.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	**N/a**
	Filing Date:	**herewith**
	First Named Inventor:	**Solomon, Neal**
	Group Art Unit:	
	Examiner Name:	
Sheet 24 of 37	Attorney Docket Number:	

JG		LEVY, RAN and JEFFREY S. ROSENCHEIN, "A Game Theoretic Approach to Distributed Artificial Intelligence and the Pursuit Problem," Decentralized A.I. 3: Proceedings of the Third European Workshop on Modelling Autonomous Agents in a Multi-Agent World, Eric Werner and Yves Demazeau (Eds.), Kaiserlautern, Germany, August 5-7, 1991.	
		LEYTON-BROWN, KEVIN et al., "Bidding Clubs: Institutionalized Collusion in Auctions," Proceedings of the 2nd ACM Conference on Electronic Commerce. Minneapolis, MN, October 17-20, 2000.	
		LEYTON-BROWN, KEVIN et al., "Towards a Universal Test suite for Combinatorial Auction Algorithms." Proceedings of the 2nd ACM Conference on Electronic Commerce. Minneapolis, MN, October 17-20, 2000.	
		LEYTON-BROWN, KEVIN et al., "An Algorithm for Multi-Unit Combinatorial Auctions," from The Proceedings of the 17th National Conference on Artificial Intelligence, 2000.	
		LIN, FU-REN et al., "Using Swarm for Simulating the Order Fulfillment Process in Divergent Assembly Supply Chains," Economic Simulations in Swarm: Agent-Based Modelling and Object Oriented Programming, Francesco Luna and Benedikt Stefansson (Eds.). Kluwer Academic Publishers. Boston, MA, 2000.	
		LINKENS, DEREK A. and H. OKOLA NYONGESA, "Evolutionary Learning in Neural Fuzzy Control Systems," Fuzzy Evolutionary Computation. Witold Pedryez (Ed.). Kluwer Academic Publishers, Boston, 1997.	
		LOKE, SENG WAI et al., "Mobile Agent Technology for Enterprise Distributed Applications: An Overview and an Architectural Perspective." 1999 at http://citeseer.nj.nec.com/loke99mobile.html.	
		LOMUSCIO, ALESSIO et al., " A classification scheme for negotiation in electronic commerce," 2000 at http://citeseer.nj.nec.com/lomuscio00classification.html.	
		LUNA, FRANCESCO and BENEDIKT STEFANSSON, " Aims and Audience," Economic Simulations in Swarm: Agent-Based Modelling and Object Oriented Programming, Francesco Luna and Benedikt Stefansson (Eds.), Kluwer Academic Publishers. Boston, MA, 2000.	
		MAES, PATTIE et al., "Agents that Buy and Sell: Transforming Commerce as we Know It," 1999 at http://citeseer.nj.nec.com/294624.html.	
		MAGDALENA, LUIS and JUAN R. VELASCO. "Evolutionary Based Learning of Fuzzy Controlling," Fuzzy Evolutionary Computation. Witold Pedryez (Ed.). Kluwer Academic Publishers, Boston, 1997.	

Type a plus sign (+) inside this box ☛ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)	Complete if known	
	Application Number:	ba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 25 of 37	Attorney Docket Number:	

JG		MAGEDANZ, THOMAS. "Mobile Agent-Based Service Provision in Intelligent Networks," ," Intelligent Agents for Telecommunications Applications: Basics, Tools, Languages and Applications, S. Albayrak (Ed.), IOS Press, Washington D.C., 1998.	
		MARTIN, DAVID L. et al., "The Open Agent Architecture: A Framework for Building Distributed Software Systems." 199 at http://citeseer.nj.nec.com/martin99open.html.	
		MARTIN, FRANSISCO et al., "JIM: A Java Interagent for Multi-Agent Systems," 1996 at http://citeseer.nj.nec.com/20742.html.	
		MARTIN, FRANSISCO J., "An Infrastructure for Agent-Based Systems: an Interagent Approach," 1999 at http://citeseer.nj.nec.com/martin99infrastructure.html.	
		MATOS, GILBERTO and ELIZABETH WHITE, "Application of Dynamic Reconfiguration in the Design of Fault Tolerant Production Systems," Proceedings of the Fourth International Conference on Configurable Distributed Systems, Annapolis, MD, May 4-6, 1998.	
		MATOS, NOYDA and CARLES SIERRA, "Evolutionary Computing Agents," Agent Mediated Electronic Commerce, Pablo Noriega and Carles Sierra (Eds.), Springer, New York, 1998.	
		MCAFEE, R. PRESTON et al., "Multiproduct Monopoly, Commodity Bundling, and Correlation of Values," The Quarterly Journal of Economics, pp.371-383, May 1999.	
		MEILA, MARINA et al., "Learning with Mixtures of Trees," Journal of Machine Learning Research Vol. 1, p.1-48, 2000.	
		MERTOGUNO, J. SUKHARNO and WEI LIN, "Distributed Knowledge Base: Adaptive Multi-Agents Approach," Proceedings IEEE International Joint Symposia on Intelligence and Systems, Rockville, MD, November 4-5, 1996.	
		MESSINA, PAUL, "Distributed Supercomputing Applications," The Grid: Blueprint for a New Computing Infrastructure, ed. Ian Foster and Carl Kesselman, Morgan Kaufmann Publishers Inc., San Francisco, CA, 1999.	
		MICHALEWICZ, ZBIGNIEW et al., " Evolutionary Algorithms," Fuzzy Evolutionary Computation, Witold Pedrycz (Ed.), Kluwer Academic Publishers, Boston, 1997.	
		MISIKANGAS, PAULI and KIMMO RAATIKAINEN, "Agent Migration Between Incompatible Agent Platforms." Proceedings of the 20th International Conference on Distributed Computing Systems ICDCS 2000, Computer Society, New Jersey, 2000.	
		MITCHELL, MELANIE, An Introduction to Genetic Algorithms. (Chs. 1,2,4) The MIT Press, 1999.	
		MOBASHER, BARNSHAD et al., "Automatic Personalization Based on Web Usage Mining," 1999 at http://citeseer.nj.nec.com/mobasher99automatic.html.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	ᴺᵃ
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 26 of 37	Attorney Docket Number:	

JG		MORRIS, JOAN and PATTIE MAES, "Sardine: An Agent Facilitated Airline Ticket Bidding System," 1999 at http://citeseer.nj.nec.com/345968.html.	
		MORRIS, JOAN et al., "Negotiating Beyond the Bid Price," 2000 at http://citeseer.nj.nec.com/morrisadnegotiating.html.	
		MORRIS, JOAN et al., "Sardine: Dynamic Seller Strategies in an Auction Marketplace," EC 2000, October 17-20,2000, Minneapolis. MN.	
		NAKANISHI, SHOHACHIRO et al., "Structure Identification of Acquired Knowledge in Fuzzy Inference by Genetic Algorithm," Fuzzy Logic, Neural Network, and Evolutionary Computation, Takeshi Furuhashi and Yoshiki Uchikawa (Eds.), Springer, New York, 1995.	
		NELLES, OLIVER, "GA-Based generation of Fuzzy Rules," Fuzzy Evolutionary Computation, Witold Pedrycz (Ed.), Kluwer Academic Publishers, Boston, 1997.	
		NISAN. NOAM. "Bidding and Allocation in Combinatorial Auctions," Proceedings of the 2ⁿᵈ ACM Conference on Electronic Commerce, Minneapolis. MN. October 17-20, 2000.	
		NORMAN. TIMOTHY J. NORMANN and NICHOLAS R. JENNINGS, "Generating States of Joint Commitment Between Autonomous Agents," Agent and Multi-Agent Systems: Formalisms: Methodologies, and Applications, Wobcke, Wayne et al. (Eds.) Springer Press, New York, 1997.	
		NWANA. HYACINTH et al., "ZEUS: A Collaborative Agents Tool-Kit," 1998 at http://citeseer.nj.nec.com/112545.html.	
		O' RIORDAN. COLM and HUMPHREY SORENSEN, "An Agent Based System for Intelligent Collaborative Filtering," Cooperative Information Agents III, Matthias Klusch et al. (Eds.), Springer, New York, 1999.	
		OLIVER. JIM R., "On Artificial Agents for Negotiation in Electronic Commerce," from the Proceedings of the 29ᵗʰ Annual Hawaii International Conference on System Sciences, pp.337-346, 1996.	
		OLIVER. JIM R., "A Machine-Learning Approach to Automated Negotiation and Prospects for Electronic Commerce," Journal of Management Information Systems, Vol.13. No. 3, pp.83-112, Winter 1996-97.	
		OMLIN. CHRISTIAN W. et al., "Fuzzy Knowledge and Recurrent Neural Networks: A Dynamical Systems Perspective," Hybrid Neural Systems, Springer Press. New York. 2000.	
		ONO. NORIHIKO and KENJI FUKUMOTO. "A Modular Approach to Multi-Agent Reinforcement Learning." Distributed Artificial Intelligence Meets Machine Learning. Gerhard Weib (Ed.), Springer, New York, 1997.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	ba	
	Filing Date:	herewith	
	First Named Inventor:	Solomon, Neal	
	Group Art Unit:		
	Examiner Name:		
Sheet 27 of 37	Attorney Docket Number:		

JG		OSAWA, EI-ICHI and MARIO TOKORO, "Collaborative Plan Construction for Multi-Agent Mutual Planning." Decentralized A.I. 3: Proceedings of the Third European Workshop on Modelling Autonomous Agents in a Multi-Agent World, Eric Werner and Yves Demazeau (Eds.) Kaiserlautern, Germany, August 5-7, 1991.	
		OSSOWSKI, SASCHA and ANA GARCIA-SERRANO. "Social Co-ordination Among Autonomous Problem Solving Agents." Agents and Multi-Agent Systems: Formalisms, Methodologies, and Applications. Wobcke, Wayne et al. (Eds.) Springer Press, New York, 1997.	
		PAGNIA, HENNING et al., "Solving Fair Exchange with Mobile Agents," Agent Systems, Mobile Agents, and Applications: Second International Symposium on Agent Systems and Applications and Fourth International Symposium on Mobile Agents, ASA/MA 2000, David Kotz and Fiedemann Mattern (Eds.), Zurich, Switzerland, September 13-15, 2000.	
		PARKES, DAVID C., "iBundle: An Efficient Ascending Price Bundle Auction," 1999 at http://citeseer.nj.nec.com/parkes99ibundle.html.	
		PARKES, DAVID. "Optimal Auction Design for Agents with Hard Valuation Problems." 1999 at http://citeseer.nj.nec.com.parkes99optimal.html.	
		PARKES, DAVID C. and LYLE H. UNGAR, "Iterative Combinatorial Auctions: Theory and Practice," 2000 at http://citeseer.nj.nec.com/parkes00iterative.html.	
		PARSONS, SIMON and N.R. JENNINGS, "Negotiation Through Argumentation-A Preliminary Report, in Proceedings of ICMAS 1996 at http://citeseer.nj.nec/com/parsons96negotiation.html.	
		PARSONS, SIMON et al., "Agents that Reason and Negotiate by Arguing." Journal of Logic and Computation. 1998, Vol.8 No.3, pp.261-292.	
		PARTHASARATHY, SRINIVASAN and RAMESH SUBRAMONIAN, " Facilitating Datamining on a Network of Workstations." Advances in Distributed and Parallel Knowledge Discovery, eds. Hillol Kargupta and Philip Chan, The MIT Press, Cambridge, Mass. 2000.	
		PATTEN, CRAIG J. and K.A. HAWICK, "Flexible High-Performance Access to Distributed Storage Resources." ." Ninth IEEE International Symposium on High Performance Distributed Computing, 2000.	
		PENNOCK, DAVID et al., "Collaborative Filtering by Personality Diagnosis: A Hybrid Memory-and Model-Based Approach." 2000 at http://citeseer.nj.nec.com/pennock00collaborative.html.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number: tba	
	Filing Date: herewith	
	First Named Inventor: Solomon, Neal	
	Group Art Unit:	
	Examiner Name:	
Sheet 28 of 37	Attorney Docket Number:	

JG			
		PENNOCK, DAVID M. and ERIC HORVITZ, "Analysis of the Axiomatic Foundations of Collaborative Filtering," 1999 at http://citeseer.nj.nec.com/pennock99analysis.html.	
		PLASH, FRANTISEK et al., "SOFA/DCUP: Architecture for Component Trading and Dynamic Updating," Proceedings of the Fourth International Conference on Configurable Distributed Systems. Annapolis, MD, May 4-6, 1998.	
		PLAZA, ENRIC et al., "Cooperative Case-Based Reasoning," Distributed Artificial Intelligence Meets Machine Learning, Gerhard Weib (Ed.), Springer, New York, 1997.	
		POIRIER, CHARLES C. and MICHAEL L. BAUER, E-Supply Chain: Using the Internet to Revolutionize Your Business, (Chs.2,3,5-9) Brett-Koehler Publishers, Inc., San Francisco, 2000.	
		PORT, OTIS, "Customers Move Into the Driver's Seat," Business Week, October 4, 1999, pp.103-106	
		PREIST, CHRIS, "Economic Agents for Automated Trading," Software Agents for Future Communication Systems Alex L.G. Hayzelden and John Bigham (Eds.), Springer, New York, 1999.	
		PRODROMIDIS, ANDREAS L. et al., "Meta-Learning in Distributed Data Mining Systems: Issues and Approaches," Advances in Distributed and Parallel Knowledge Discovery, eds. Hillol Kargupta and Philip Chan, The MIT Press, Cambridge, Mass, 2000.	
		PROVOST, FOSTER, "Distributed Data Mining: Scaling Up and Beyond," Advances in Distributed and Parallel Knowledge Discovery, eds. Hillol Kargupta and Philip Chan, The MIT Press, Cambridge, Mass, 2000.	
		QUELOZ, PIERRE-ANTOINE, "Composition of Services with Mobile Code," 1999 at http://citeseer.nj.nec.com/285737.html.	
		REEVES, DANIEL et al., " Automated Negotiation from Declarative Contract Descriptions," 2000 at http://citeseer.nj.nec.com/331637.html.	
		RODRIGUEZ, NOEMI et al., "Dynamic Configuration with CORBA Components," Proceedings of the Fourth International Conference on Configurable Distributed Systems, Annapolis, MD, May 4-6, 1998.	

Type a plus sign (+) inside this box ☛ ☐

Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if known		
	Application Number:	Nba	
	Filing Date:	herewith	
	First Named Inventor:	Solomon, Neal	
	Group Art Unit:		
	Examiner Name:		

Sheet	29	of	37	Attorney Docket Number:

JG		RODRIGUEZ-AGUILAR, JUAN A. et al., "Competitive Scenarios for Heterogeneous Trading Agents," 1998 at http://citeseer.nj.nec.com/11070.html.	
		RODRIGUEZ-AGUILAR. JUAN et al.. "Towards a Test-bed for Trading Agents in Electronic Auction Markets," 1998 at http://citeseer.nj.nec.com/rodriguez-aguilar98toward.html.	
		ROTHERMEL, K. et al., "Mobile Agent Systems," 1997 at http://citeseer.nj.nec.com/rothermel97mobile.html.	
		ROTHFOPF, MICHAEL H. et al., "Computationally Manageable Combinatorial Auctions," Management Science, Vol. 44, No. 8, pp. 1131-1147, August 1998.	
		ROUCHIER, J. and F. BOUSQUET. "Non-Merchant and Multi-Agent System: An Analysis of Structure Exchanges," Multi-Agent Systems and Agent-Based Simulation: First International Workshop, MABS '98, Proceedings. Paris, July 4-6, 1998.	
		RYAN. CONOR. Automatic Re-Engineering of Software Using Genetic Programming, Kluwer Academic Publishers. 2000.	
		SADEH. NORMAN M. et al., "MASCOT: An Agent Based Architecture for Coordinated Mixed-Initiative Supply-Chain Planning and Scheduling," at http://citeseer.nj.nec.com/sadeh99mascot.html.	
		SAKURAI. YUKO et al., "An Efficient Approximate Algorithm for Winner Determination in Combinatorial Auctions," Proceedings of the 2nd ACM Conference on Electronic Commerce, Minneapolis, MN, October 17-20, 2000.	
		SANDHOLM. TOUMAS. "Coalitions Among Computationally Bounded Agents," 1996 at http://citeseer.nj.nec.com/8980.html.	
		SANDHOLM. TUOMAS. "Agents in Electronic Commerce: Component Technologies for Automated Negotiation and Coalition Formation," Cooperative Information Agents II: Learning. Mobility and Electronic Commerce for Information Discovery on the Internet. eds. Matthais Klusch and Gerhard Weis Springer. New York. 1998.	
		SANDHOLM. TUOMAS, "Approaches to Winner Determination in Combinatorial Auctions," at http://citeseer.nj.nec.com/92009.html.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)	Complete if known		
	Application Number:	tba	
	Filing Date:	herewith	
	First Named Inventor:	Solomon, Neal	
	Group Art Unit:		
	Examiner Name:		
Sheet 30 of 37	Attorney Docket Number:		

JG		SANDHOLM, TUOMAS. "eMediator: A Next Generation Electronic Commerce Server" 1999 at http://citeseer.nj.nec.com/603365.html.	
		SANDHOLM,TUOMAS, "Distributed Rational Decision Making," 1999 at http://citeseer.nj.nec.com/sandholm99distributed.html.	
		SANDHOLM, THOMAS and VICTOR LESSER, "Issues in Automated Negotiation and Electronic Commerce: Extending the Contract Net Framework," ICMAS-95.	
		SANDHOLM, TUOMAS et al., "Coalition Structure Generation with Worst Case Guarantees," 1999 at http://citeseer.nj.nec.com/sandholm99coalition.html.	
		SARWAR, BADRUL et al., "Analysis of Recommendation Algorithms for E-Commerce," Proceedings of the 2nd ACM Conference on Electronic Commerce, Minneapolis, MN, October 17-20, 2000.	
		SARWAR, BADRUL et al., "Item-based Collaborative Filtering Recommendation Algorithms," at http://citeseer.nj.nec.com/386002.html.	
		SATOH, ICHIRO, "MobiDoc: A Framework for Building Mobile Compound Documents from Hierarchical Mobile Agents," Agent Systems, Mobile Agents, and Applications: Second International Symposium on Agent Systems and Applications and Fourth International Symposium on Mobile Agents, ASA/MA 2000, David Kotz and Fiedemann Mattern (Eds.), Zurich, Switzerland, September 13-15, 2000.	
		SATTERTHWAITE, MARK A. and STEVEN R. WILLIAMS, "The Bayesian Theory of the k-Double Auction," The Double Auction Market: Institutions, Theories, and Evidence, Daniel Friedman and John Rust (Eds.), Proceedings of the Workshop on Double Auction Markets, June, 1991, in Sante Fe, New Mexico.	
		SAWHNEY, MOHANBIR and STEVEN KAPLAN, "Let's Get Vertical," Business 2.0, September 1999, pp.85-92.	
		SCHAFER, J. BEN et al., "E-Commerce Recommendation Applications," at http://citeseer.nj.nec.com/293817.html.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)	Complete if known	
	Application Number:	\ba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 31 of 37	Attorney Docket Number:	

JG		SCHAFER, J. BEN et al., "Recommender Systems in E-Commerce," 1999 at http://citeseer.nj.nec.com/schafer99recommender.html	
		SCHIEFLOE, PER MORTEN and TOR G. SYVERTSEN, "Coordination in Knowledge-Intensive Organizations," Coordination Technology for Collaborative Applications, Wolfram Conen and Gustaf Neumann (Eds.), Springer, New York, 1998.	
		SCHLUETER-LANGDON, CHRISTOPH et al., "Online Supply Chain Modeling and Simulation," Economic Simulations in Swarm: Agent-Based Modelling and Object Oriented Programming, Francesco Luna and Benedikt Stefansson (Eds.), Kluwer Academic Publishers, Boston, MA, 2000.	
		SCHONFELD, ERICK, "The Customized, Digitized, Have-it-Your-Way Economy," Fortune, September 28, 1998, pp.115-124.	
		SCHWAB, INGO et al., "Learning User Interests Through Positive Examples Using Content Analysis and Collaborative Filtering," 2000 at http://citeseer.nj.nec.com/398141.html.	
		SCHWAB, INGO et al., "Learning about Users from Observation," 2000 at http://citeseer.nj.nec.com/392777.html.	
		SELTEN, REINHARD et al., "Duopoly Strategies Programmed by Experienced Players," Econometrica Vol.65, No.3, pp.517-555, May 1997.	
		SERVAT, DAVID et al., "When Agents Emerge from Agents: Introducing Multi-Scale Viewpoints in Multi-Agent Simulations," Multi-Agent Systems and Agent Based Simulation: First International Workshop, MABS '98, Proceedings, Paris, July 4-6, 1998.	
		SHEHORY, ONN et al., "Multi-Agent Coordination through Coalition Formation," 1998 at http://citeseer.nj.nec.com/59815.html.	
		SHEHORY, ONN and SARIT KRAUS, "Methods for Task Allocation Via Agent Coalition Formation," Artificial Intelligence, Vol 101 Nos.1-2, pp.165-200, 1998.	

Type a plus sign (+) inside this box ☛ ☐

Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

	Complete if known
Substitute for form 1449A/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (use as many sheets as necessary)	Application Number: tba
	Filing Date: · herewith
	First Named Inventor: Solomon, Neal
	Group Art Unit:
	Examiner Name:
Sheet 32 of 37	Attorney Docket Number:

JG		SHEN, XIAOHUI and ALOK CHOUDHARY, "A Distributed Multi-storage Resource Architecture and I/O Performance Prediction for Scientific Computing," Ninth IEEE International Symposium on High Performance Distributed Computing, 2000.	
		SIERRA, CARLES et al., "A Service Oriented Negotiation Model Between Autonomous Agents," 1997 at http://citeseer.nj.nec.com/sierra97serviceoriented.html.	
		SIERRA, CARLES et al., "A Framework for Augmentation-Based Negotiation," 1998 at http://citeseer.nj.nec.com/sierra98framework.html.	
		SIERRA, CARLES et al., "Deliberative Automated Negotiators Using Fuzzy Similarities," 1999 at http://citeseer.nj.nec.com/221068.html.	
		SINGH, MUNINDAR and MICHAEL N. HUHNS. "Challenges for Machine Learning in Cooperative Information Systems," Distributed Artificial Intelligence Meets Machine Learning, Gerhard Weiss (Ed.), Springer, New York, 1997.	
	·	SINGH, ZORAWAR BIRI. "Super Markets," Business 2.0, March 1999, pp.-80-85.	
	·	SMARR, LARRY. "Grids in Context," The Grid: Blueprint for a New Computing Infrastructure, ed. Ian Foster and Carl Kesselman. Morgan Kaufmann Publishers Inc., San Francisco, CA, 1999.	
		SMITH, KATE and JATINDER N.D. GUPTA. "Neural Networks in Business: Techniques and Applications for the Operations Researcher," Computers & Operations Research, Vol 27, pp.1023-1044, 2000.	
	·	SMITH, REID. "The Contract Net Protocol: High Level Communication and Control in a Distributed Problem Solver," Canadian Crown, 1980.	
	·	SMITH, REID G. and RANDALL DAVIS, "Frameworks for Cooperation in Distributed Problem Solving," IEEE Transactions on Systems, Man, and Cybernetics Vol. SMC-1, No.1, January 1981.	

Type a plus sign (+) inside this box ☛ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	Nba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 33 of 37	Attorney Docket Number:	

JG		SMITH, VERNON et al., "Competitive Market Institutions: Double Auctions vs. Sealed Bid-Offer Auctions," The American Economic Review Vol.72, No.1, p. 58, 1981.		
		SMITH, WARREN et al., "An Evaluation of Alternative Designs for a Grid Information Service," " Ninth IEEE International Symposium on High Performance Distributed Computing, 2000.		
		STEFANSSON, BENEDIKT, "Simulating Economic Agents in Swarm," Economic Simulations in Swarm: Agent-Based Modelling and Object Oriented Programming, Francesco Luna and Benedikt Stefansson (Eds.), Kluwer Academic Publishers, Boston, MA, 2000.		
		STEINMETZ, ERIK et al., "Bid Evaluation and Selection in the MAGNET Automated Contracting System," Agent Mediated Electronic Commerce, Pablo Noriega and Carles Sierra (Eds.), Springer, New York, 1998.		
		STONE, PETER et al., "ATTac-2000: An Adaptive Autonomous Bidding Agent," 2001 at http//citeseer.nj.nec.com/stone01.html.		
		STONEBREAKER, MICHAEL et al., "Mariposa: A Wide-Area Distributed Database System," VLDB Journal: Very Large Data Bases, Vol.5 No.1, 1996, pp.48-63.		
		SUGAWARA,TOSHIHARU and SATOSHI KURIHARA, "Learning Message-Related Coordination Control in Multiagent Systems," Multi-Agent Systems: Theories, Languages, and Applications, eds. Chengqi Zhang and Dickson Lukose, Springer, New York, 1998.		
		SWAMINATHAN, JAYASHANKAR M. et al., "Modeling Supply Chain Dynamics: A Multiagent Approach," Decision Sciences Volume 29, No. 3, p.607, Summer 1998.		
		TAPSCOTT et al. "The Rise of the Business Web," Business 2.0, November 1999, pp.198-208.		

Type a plus sign (+) inside this box ☜ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	ba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	.
	Examiner Name:	.
Sheet 34 of 37 .	Attorney Docket Number:	

JG		TEICH, JEFFREY et al., "Multiple Issue Auction and Market Algorithms for the World Wide Web," Decision Support Systems 26, pp.49-66, 1999.	
		TENNENHOLTZ, MOSHE, "Some Tractable Combinatorial Auctions," from The Proceedings of the 17th National Conference on Artificial Intelligence, 2000.	
		TESAURO, GERALD et al., "Foresight-based pricing algorithms in an economy of software agents," 1998 at http://citeseer.nj.nec.com/tesauro98foresightbased.html.	
		TESAURO, GERALD and JEFFREY O. KEPHART, "Pricing in Agent Economics Using Multi-Agent Q-Learning," 1999 at http://citeseer.nj.nec.com/tesauro99pricing.html.	
		THEILMANN, WOLFGANG and KURT ROTHERMEL, "Maintaining Specialized Search Engines through Mobile Filter Agents," Cooperative Information Agents III, Matthias Klusch et al. (Eds.), Springer, New York, 1999.	
		TSVETOVATYY, MAKSIM and MARIA GINI, "MAGMA: An Agent-Based Virtual Market for Electronic Commerce," 1997 at http://citeseer.nj.nec.com/tsvetovatyy97magma.html.	
		TSVETOVATYY, MAKSIM et al., "Customer Coalitions in Electronic Markets," 2000 at http://citeseer.nj.nec.com/293235.html.	
		TU, M.T. et al., "A Plug-in Architecture Providing Dynamic Negotiation Capabilities for Mobile Agents," Mobile Agents: Second International Workshop, MA '98, Proceedings, Stuttgart, Germany, September 9-11, 1998.	
		ULPH, DAVID and NIR VULKAN, "E-Commerce, Mass Customisation and Price Discrimination," 2000 at http://citeseer.nj.nec.com/ulph00ecommerce.html.	
		VICKREY, WILLIAM, "Counterspeculation, Auctions, and Competitive Sealed Tenders," The Journal of Finance, Vol. 16, pp.8-37, 1961.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:		ba
	Filing Date:		herewith
	First Named Inventor:		Solomon, Neal
	Group Art Unit:		
	Examiner Name:		
Sheet 35 of 37	Attorney Docket Number:		

JG		VILLACIS, JUAN et al., "CAT: A High Performance, Distributed Component Architecture Toolkit for the Grid," Proceedings of The Eighth International Symposium on High Performance Distributed Computing, Redondo Beach, CA, August 3-6, 1999.	
		VULKAN, NIR. "Economic Implications of Agent Technology and E-Commerce," The Economic Journal, Vol. 109, pp.F67-F90, February 1999.	
		VULKAN, NIR and NICHOLAS R. JENNINGS. "Efficient Mechanisms for the Supply of Services in Multi-Agent Environments," 1999 at http://citeseer.nj.nec.com/vulkan99efficient.html.	
		WALSH, WILLIAM et al., "Combinatorial Auctions for Supply Chain Formation," from the ACM Conference of Electronic Commerce, pp.260-269, 2000.	
		WALSH, WILLIAM et al., "Modeling Supply Chain Formation in Multiagent Systems," 1999 at http://citeseer.nj.nec.com/walsh99modeling.html.	
		WELCH, DON. "Building Self-Reconfiguring Distributed Systems using Compensating Reconfiguration," Proceedings of the Fourth International Conference on Configurable Distributed Systems, Annapolis, MD, May 4-6, 1998.	
		WERMETER, STEFAN and RON SUN. " An Overview of Hybrid Neural Systems," Hybrid Neural Systems, Springer Press, New York, 2000.	
		WERNER, ERIC. "The Design of Multi-Agent Systems," Decentralized A.I. 3: Proceedings of the Third European Workshop on Modelling Autonomous Agents in a Multi-Agent World, Eric Werner and Yves Demazeau (Eds.) Kaiserlautern, Germany, August 5-7, 1991.	
		WHITE, BRIAN S. et al., "Grid-Based File Access: The Legion I/O Model," ," Ninth IEEE International Symposium on High Performance Distributed Computing, 2000.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	nba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 36 of 37	Attorney Docket Number:	

JG			WILSON, ROBERT. "Design of Efficient Trading Procedures," The Double Auction Market: Institutions, Theories, and Evidence, Daniel Friedman and John Rust (Eds.), Proceedings of the Workshop n Double Auction Markets Held June, 1991 in Sante Fe, New Mexico.	
			WISE, RICHARD and DAVID MORRISON. "Beyond the Exchange: The Future of B2B," Harvard Business Review, pp.86-96., Nov-Dec. 2000.	
			WONG, H. CHI et al., "A Taxonomy of Middle-Agents for the Internet." 2000 at http://citeseer.nj.nec.com/298570.html.	
			WOOLDRIDGE, MICHAEL and NICHOLAS R. JENNINGS. "The Cooperative Problem Solving Process." 1999 at http://citeseer.nj.nec.com/wooldridge99cooperative.html.	
			WOOLRIDGE, MICHAEL et al.. "The Gaia Methodology for Agent-Oriented Analysis and Design," Autonomous Agents and Multi-Agent Systems, Nichols Jennings et al., (Eds.) Kluwer Academic Publishers, The Netherlands, 2000.	
			WURMAN, PETER et al., "Flexible Double Auctions for Electronic Commerce: Theory and Implementation," 1998 at http://citeseer.nj.nec.com/wurman98flexible.html.	
			WURMAN, PETER et al., "The Michigan Internet AuctionBot: A Configurable Auction Server for Human and Software Agents," 1998 at http://citeseer.nj.nec.com/wurman98michigan.html.	
			WURMAN, PETER R. and MICHAEL P. WELLMAN, "AkBA: A Progressive, Anonymous-Price Combinatorial Auction." Proceedings of the 2nd ACM Conference on Electronic Commerce, Minneapolis, MN, October 17-20, 2000.	
			YANG, HONGXIA and CHENGQI ZHANG, "Definition and Application of a Comprehensive Framework for Distributed Problem Solving," Distributed Artificial Intelligence, Chengqi Zang and Dickson Lukose (Eds.), Springer, New York, 1995.	

Type a plus sign (+) inside this box ☞ ☐   Patent and Trademark Office U.S.DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO	Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number:	tba
	Filing Date:	herewith
	First Named Inventor:	Solomon, Neal
	Group Art Unit:	
	Examiner Name:	
Sheet 37 of 37	Attorney Docket Number:	

JG		YUJI, IMAI et al., "CrispORB: High Performance CORBA for System Area Network," Proceedings of The Eighth International Symposium on High Performance Distributed Computing. Redondo Beach, CA, August 3-6, 1999.	
		ZAKI, MOHAMMED J., " Hierarchical Parallel Algorithms for Association Mining." Advances in Distributed and Parallel Knowledge Discovery, eds. Hillol Kargupta and Philip Chan, The MIT Press, Cambridge, Mass. 2000.	
		ZAMBONELLI, FRANCO et al., "Agent-Oriented Software Engineering for Internet Applications, " 2000 at http://citeseer.nj.nec.com/324384.html.	

/Jocelyn Greimel/   09/22/2006